

Amendments to the specification:

At page 3, between lines 3 and 4, insert:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 illustrates the count number distributions and fits of a 3.8 nM Cy5 solution recorded simultaneously at different time windows T.

Figure 2 illustrates the fitting results of simulated data for a mixture of 3 components.

Figure 3 illustrates the binding of pTyr-Val-Asn-Val-Lys(Cy5) to SH2.

Figure 4 illustrates the experimental set-up used in Experiment 2.

Figure 5 shows 10 count number distributions with time windows 40, 60, 120, 200, 400, 600, 800, 1200, 1600 and 2000 μ s from a 0.8 nM Cy 5 solution.

Figure 6 shows the calculated apparent specific brightness of the dye as a function of counting time interval, evaluated by FIDA.

Figure 7 shows one embodiment of an apparatus adapted for use in performing the method according to the present invention.